



TEXAS NUCLEAR CORPORATION, A DIVISION OF NUCLEAR-CHICAGO CORPORATION

July 28, 1969

Mr. Robert E. Brinkman
U. S. Atomic Energy Commission
Division of Materials Licensing
Washington, D. C. 20545

Dear Mr. Brinkman:

We request an amendment to our AEC License Number 42-01485-03 as follows:

Items 6, 7, 8 to read as they are with the following additions:

D. Gadolinium 153	Sealed Source	Not to exceed 3 mCi per source
E. Cadmium 109	Sealed Source	Not to exceed 5 mCi per source
F. Cobalt 57	Sealed Source	Not to exceed 3 mCi per source
G. Iron 55	Sealed Source	Not to exceed 20 mCi per source
H. Promethium 147	Sealed Source	Not to exceed 1 Ci per source
I. Hydrogen 3	Solid absorbed Source	Not to exceed 3 Ci per source

All other conditions to remain the same.

As the enclosed list indicates, these sources are used in our Model 9200 Portable X-Ray Analyzer. This product has been evaluated by Texas State Department of Health and found suitable for manufacture and distribution to specific licensees.

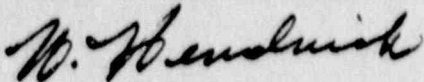
I am also enclosing a copy of the instrument manual for your information. If you need any additional information, please let me know.

Mr. Robert E. Brinkman
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Thank you for your consideration in this matter.

Sincerely,

TEXAS NUCLEAR DIVISION

A handwritten signature in dark ink, appearing to read "W. G. Hendrick". The signature is written in a cursive style with a large, stylized "W" and "H".

W. G. Hendrick
Health Physicist

WGH/mar

Enclosures

11656

March 7, 1969

9200 Series
PORTABLE ANALYZER

SOURCES

ISOTOPE	ACTIVITY	AMERSHAM-SEARLE MODEL NO. CAPSULE TYPE		TNC SOURCE P/N	TNC SOURCE SPIDER P/N	TNC SOURCE & SOURCE SPIDER P/N
d-153	1 mCi	GDC.2	X.10	696230	45898F	881195
	3 mCi	GDC.3	X.10	696240	45898F	881194
m-241	1 mCi	AMC.2	X.10	696250	45898F	881197
	3 mCi	AMC.3	X.10	696260	45898F	881196
d-109	3 mCi	CUC.3	X.70	696270	45898F	881188
	5 mCi	CUC.	X.70	696350	45898F	881200
Co-57	1 mCi	CTC.2	X.10	696280	45898F	881189
	3 mCi	CTC.3	X.10	696360	45898F	881201
Pu-238	10 mCi	PPC.4	X.71	696290	45898J	881193
	30 mCi	PPC.5	X.71	696300	45898J	881192
m-147/Al	0.5 Ci	PHX.7	PHX.7	696310	45898G	881190
	1.0 Ci	PHX.8	PHX.8	696370	45898G	881202
I-131/Zr	3 Ci	TRX.2	TRT.2	696320	45898H	881191
Ce-144	5 mCi	IEC.5	IEC.5	696330	45898K	881198
	20 mCi			696340		881199